

Anti-WHSC2 Antibody (5N717)

Product Details

Reactivity:	Human,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 57 kDa.
Clone:	5N717
Purification:	ProA affinity purified

Applications

Application:	FCM,ICC,IHC,WB
Recommended	WB: 1:500-2000; IHC: 1:100-200; ICC: 1:50-200; FCM: 1:100-200

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	Q9H3P2
Synonyms:	P/OKcl15;Wolf Hirschhorn syndrome candidate 2 protein;NELFA_HUMAN;P/OKcl.15;Wolf Hirschhorn syndrome candidate 2;NELF A;FLJ25112;FLJ10442;WHSC 2;Negative elongation factor polypeptide A;Negative elongation factor A;NELF-A;Wolf-Hirschhorn syndrome candidate 2 protein;NELFA

Research Background

NELF-A, for negative elongation factor A, is a protein factor required for DRB-sensitive transcription. NELF-A is one of the five components of the multisubunit NELF complex that cooperates with DSIF to repress RNA polymerase II elongation. Control of transcription elongation requires a complex interplay between positive transcription elongation factor b (P-TEFb) and negative transcription elongation factors, DSIF and NELF. DSIF and NELF act as negative transcription elongation factors by increasing the time the polymerase spends at pause sites. DSIF/NELF inhibition of transcription is prevented by P-TEFb in cooperation with FACT. NELF-A is also known as WHSC2 (Wolf-Hirschhorn syndrome candidate 2). Wolf-Hirschhorn syndrome is a multiple malformation syndrome characterized by mental and developmental defects resulting from a hemizygous deletion of the distal short arm of chromosome 4 (4p16.3). The human NELF-A gene maps to chromosome 4p16.3 and encodes a 528 amino acid protein that is expressed in endothelial cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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